

02/19/02  
U.S. PTO

02/21/02

PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 28999.50

First Inventor Hang Jin, et al.

Title Wireless Enhancer Using a Switch Matrix

Express Mail Label No. EL828049442US

<b>APPLICATION ELEMENTS</b>		<b>ADDRESS TO:</b>
See MPEP chapter 600 concerning utility patent application contents.		Commissioner for Patents Box Patent Application Washington, DC 20231

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2.  Applicant claims small entity status.  
See 37 CFR 1.27.
3.  Specification [Total Pages 21]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4.  Drawing(s) (35 U.S.C. 113) [ Total Sheets 9 ]
5. Oath or Declaration [ Total Pages 2 ]
  - a.  Newly executed (original or copy)
  - b.  Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)
    - i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6.  Application Data Sheet. See 37 CFR 1.76

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a.  Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  paper
  - c.  Statements verifying identity of above copies

<b>ACCOMPANYING APPLICATION PARTS</b>		
9. <input checked="" type="checkbox"/>	Assignment Papers (cover sheet & document(s))	
10. <input type="checkbox"/>	37 CFR 3.73(b) Statement	<input checked="" type="checkbox"/> Power of (when there is an assignee) <input checked="" type="checkbox"/> Attorney
11. <input type="checkbox"/>	English Translation Document (if applicable)	
12. <input type="checkbox"/>	Information Disclosure Statement (IDS)/PTO-1449	<input type="checkbox"/> Copies of IDS Citations
13. <input type="checkbox"/>	Preliminary Amendment	
14. <input checked="" type="checkbox"/>	Return Receipt Postcard (MPEP 503) (Should be specifically itemized)	
15. <input type="checkbox"/>	Certified Copy of Priority Document(s) (if foreign priority is claimed)	
16. <input checked="" type="checkbox"/>	Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.	
17. <input checked="" type="checkbox"/>	Other: Express Mail Certificate.....	

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

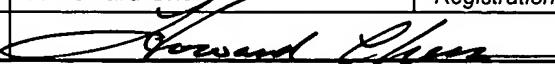
Continuation     Divisional     Continuation-in-part (CIP)    of prior application No.: \_\_\_\_\_ / \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_ Group Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	000027683 (Insert Customer No. or Attach bar code label here)		<input type="checkbox"/> or <input checked="" type="checkbox"/> Correspondence address below
Name	L. Howard Chen		
Address	Haynes and Boone, LLP 901 Main Street, Suite 3100		
City	Dallas	State	Texas
Country	USA	Telephone	214.651.5025
Fax	214.200.0528		

Name (Print/Type)	L. Howard Chen	Registration No. (Attorney/Agent)	46,615
Signature			Date 21.9.02

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 671.00)

Complete if Known	
Application Number	
Filing Date	02/19/2002
First Named Inventor	Hang Jin, et al.
Examiner Name	Unknown
Group Art Unit	Unknown
Attorney Docket No.	28999.50

## METHOD OF PAYMENT

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 08-1394

Deposit Account Name Haynes and Boone, LLP

 Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 Applicant claims small entity status. See 37 CFR 1.27

2.  Payment Enclosed:

 Check  Credit card  Money Order  Other

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity Small Entity

Fee Code (\$)	Fee (\$)	Fee Code (\$)	Fee Description	Fee Paid
101	740	201	370 Utility filing fee	370.00
106	330	206	165 Design filing fee	
107	510	207	255 Plant filing fee	
108	740	208	370 Reissue filing fee	
114	160	214	80 Provisional filing fee	

SUBTOTAL (1) (\$ 370.00)

## 2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
49	-20** = 29	x 9.00	= 261.00
Independent Claims	3 - 3** = 0	x 42.00	=
Multiple Dependent			=

Large Entity Small Entity

Fee Code (\$)	Fee (\$)	Fee Code (\$)	Fee Description
103	18	203	9 Claims in excess of 20
102	84	202	42 Independent claims in excess of 3
104	280	204	140 Multiple dependent claim, if not paid
109	84	209	42 ** Reissue independent claims over original patent
110	18	210	9 ** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 261.00)

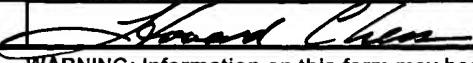
\*\*or number previously paid, if greater; For Reissues, see above

## 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105	130	205 Surcharge - late filing fee or oath	
127	50	227 Surcharge - late provisional filing fee or cover sheet	
139	130	139 Non-English specification	
147	2,520	147 2,520 For filing a request for ex parte reexamination	
112	920*	112 920* Requesting publication of SIR prior to Examiner action	
113	1,840*	113 1,840* Requesting publication of SIR after Examiner action	
115	110	215 Extension for reply within first month	
116	400	216 Extension for reply within second month	
117	920	217 Extension for reply within third month	
118	1,440	218 Extension for reply within fourth month	
128	1,960	228 Extension for reply within fifth month	
119	320	219 Notice of Appeal	
120	320	220 Filing a brief in support of an appeal	
121	280	221 Request for oral hearing	
138	1,510	138 Petition to institute a public use proceeding	
140	110	240 Petition to revive - unavoidable	
141	1,280	241 Petition to revive - unintentional	
142	1,280	242 Utility issue fee (or reissue)	
143	460	243 Design issue fee	
144	620	244 Plant issue fee	
122	130	122 Petitions to the Commissioner	
123	50	123 Processing fee under 37 CFR 1.17(q)	
126	180	126 Submission of Information Disclosure Stmt	
581	40	581 Recording each patent assignment per property (times number of properties)	40.00
146	740	246 Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249 For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279 Request for Continued Examination (RCE)	
169	900	169 Request for expedited examination of a design application	
Other fee (specify) _____			
*Reduced by Basic Filing Fee Paid			SUBTOTAL (3) (\$ 40.00)

## SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	L. Howard Chen	Registration No. (Attorney/Agent)	46,615	Telephone	214.651.5025
Signature				Date	2/19/02

D-945221.1

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. Customer No. 27683

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Hang Jin, et al. §  
Serial No.: N/A § Group Art Unit: Unknown  
Filed: Herewith § Examiner: Unknown  
For: Wireless Enhancer Using a §  
Switch Matrix §

Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231

**EXPRESS MAIL CERTIFICATE**

Express Mail Number: EL828049442US

Date of Deposit: February 19, 2002

I hereby certify that the following attached papers and fee:

1. Utility Patent Application Transmittal and Fee Transmittal with duplicate copy attached;
2. Utility Patent Application consisting of 21 pages of specification;
3. nine (9) drawing sheets;
4. Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i);
5. Application Data Sheet;
6. signed Declaration;
7. signed Power of Attorney
8. a check in the amount of \$631.00;
9. an executed Assignment and Assignment Recordation Cover Sheet;
10. a check in the amount of \$40.00 for Assignment Recordation; and
11. a Return Postcard.

are being deposited with United States Postal Service "Express Mail Post Office to addressee" to the U.S. Patent and Trademark Office, Commissioner for Patents, P.O. Box 2327, Arlington, VA 22202, Attn: Box Patent Application.

Debbie Ludwig  
Debbie Ludwig

2-19-2002

Date

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**NONPUBLICATION REQUEST  
UNDER  
35 U.S.C. 122(b)(2)(B)(i)**

First Named Inventor	Hang Jin, et al.
Title	Wireless Enhancer Using a Switch Matrix
Atty Docket Number	28999.50

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122(b).

2/19/02

Date

Signature

Haynes and Boone, LLP  
901 Main Street, Suite 3100  
Dallas, Texas 75202  
Phone: 214-651-5262  
Fax: 214-651-5940

L. Howard Chen

\_\_\_\_\_  
Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**